

FIG. 1

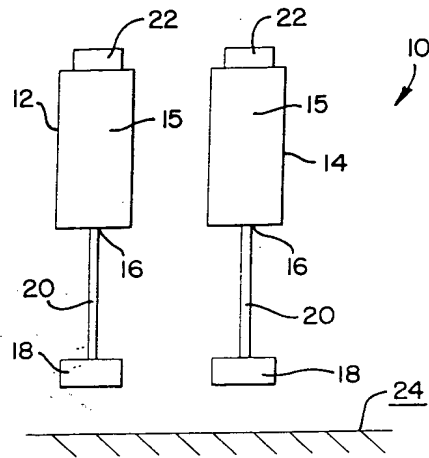


FIG. 2

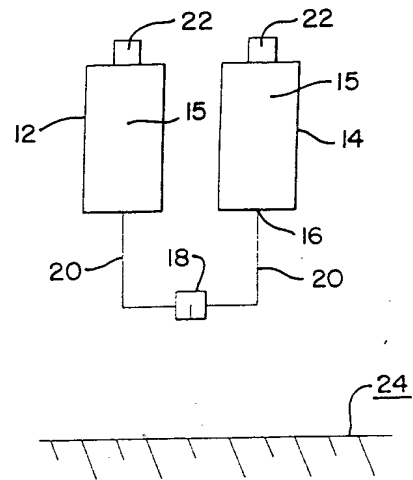


FIG. 3

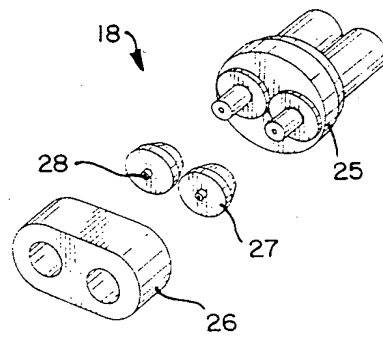
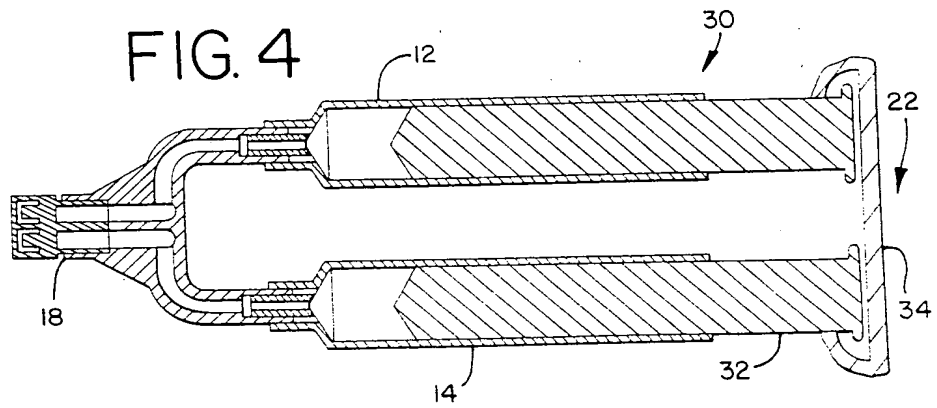


FIG. 4



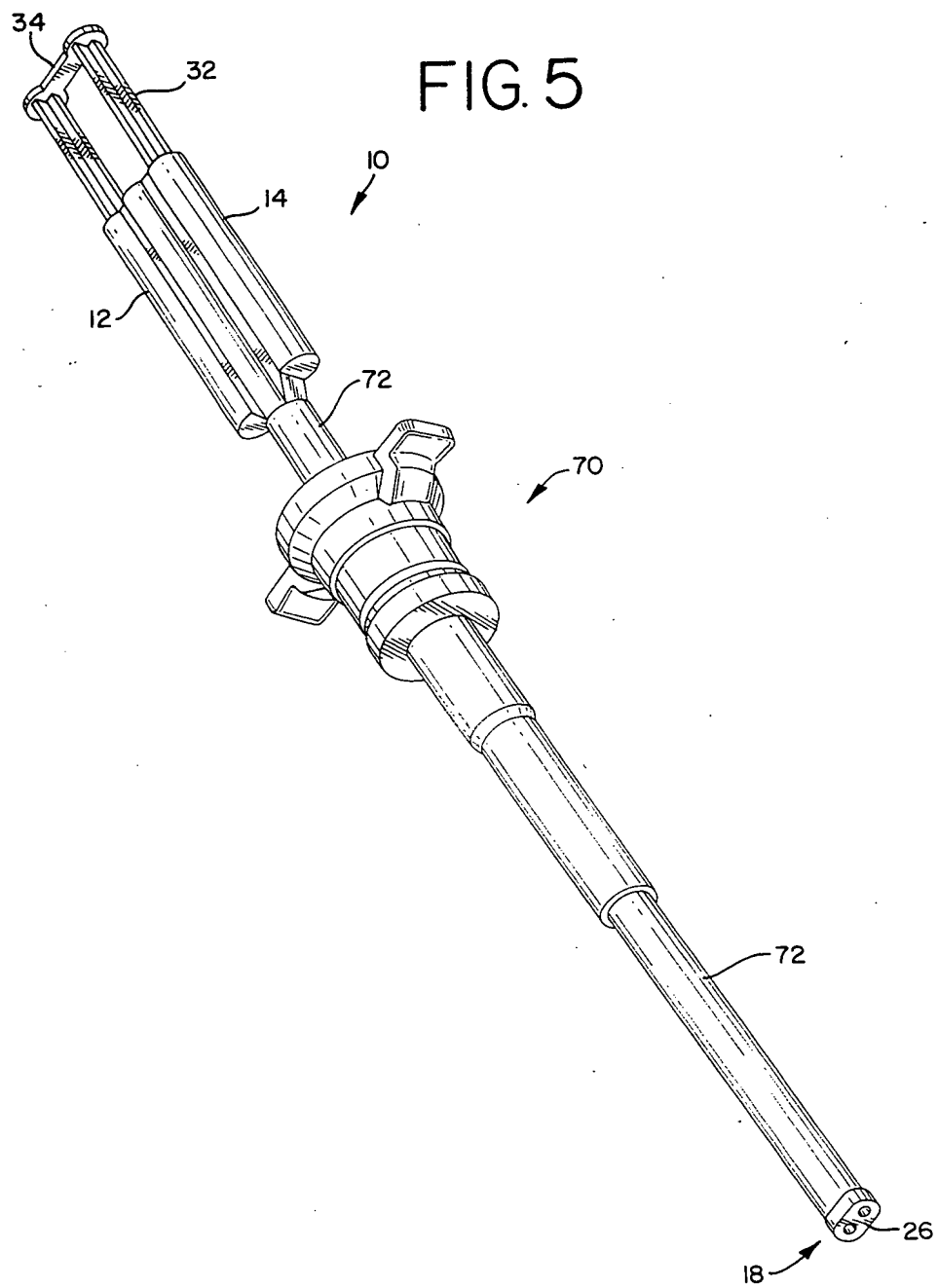
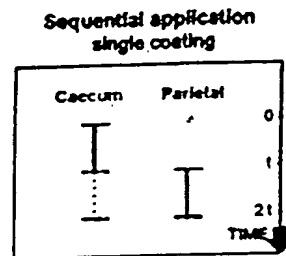
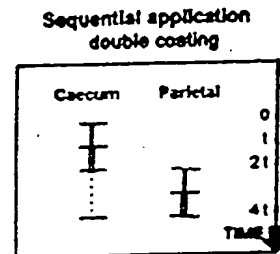


Fig. 6

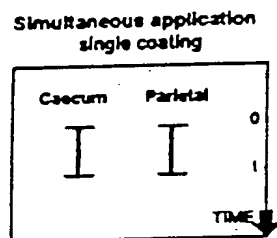
Type & Mode of Application



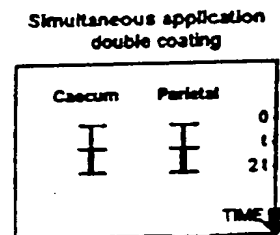
1



2



3



4

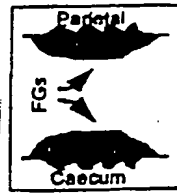
Legend

| 1st layer

| 2nd layer

t = application time

Fig. 7



Double coating

Simultaneous application : 5 min.

FG 4 IU & 100 IU / - / FG 4 IU & 100 IU ADHESION (1->3) 80%

FG 5 IU & 150 IU / - / FG 5 IU & 150 IU ADHESION (2) 25%

Fibrin Film Alone

Sandwich method

Simultaneous application : 5 min.

FG 100 IU / FF 300 IU / - NO ADHESION
FG 100 IU / FF 4 IU / FG 100 IU ADHESION (1->2) 60%

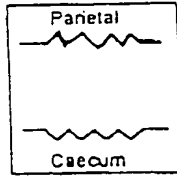
Sequential application : 7 min.

FG 100 IU / FF 4 IU / FG 100 IU NO ADHESION

Sequential application : 7 min.

FG 100 IU / FF 20 IU / FG 100 IU NO ADHESION

Control ADHESION (3) 100%

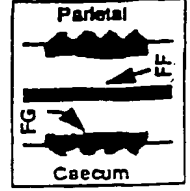
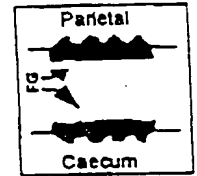
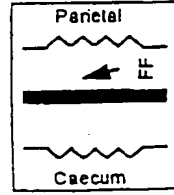


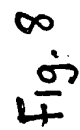
Single coating

Sequential application : 5 min.

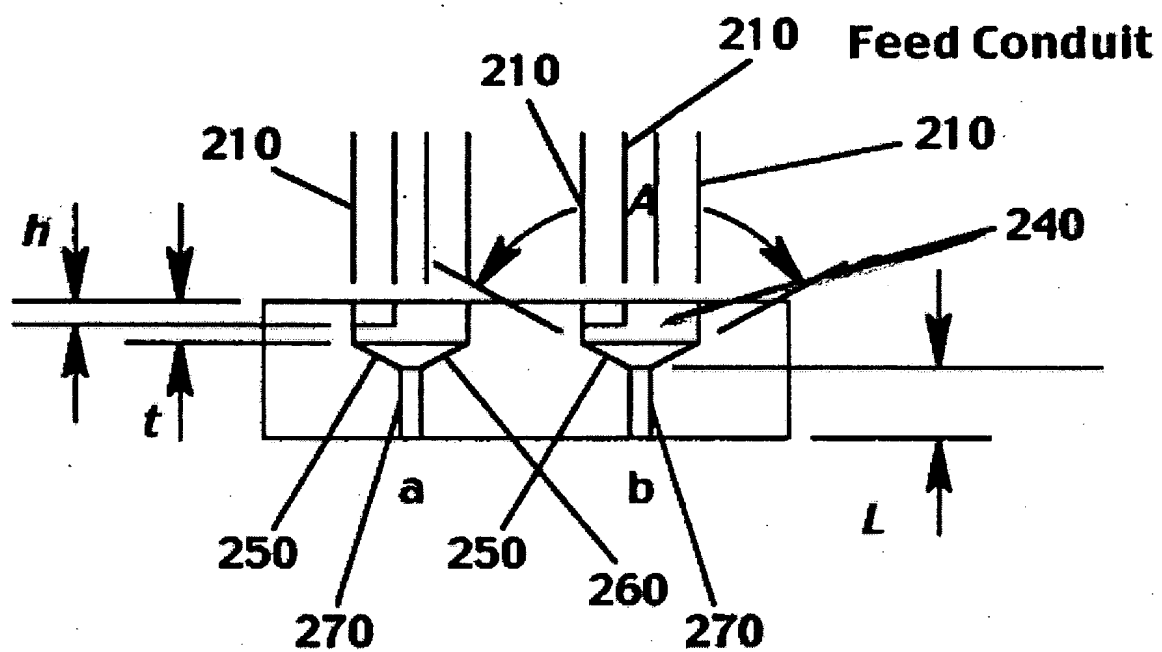
FG 4 IU / - / FG 4 IU ADHESION (3) 100%

FG 100 IU / - / FG 100 IU ADHESION (3) 50%



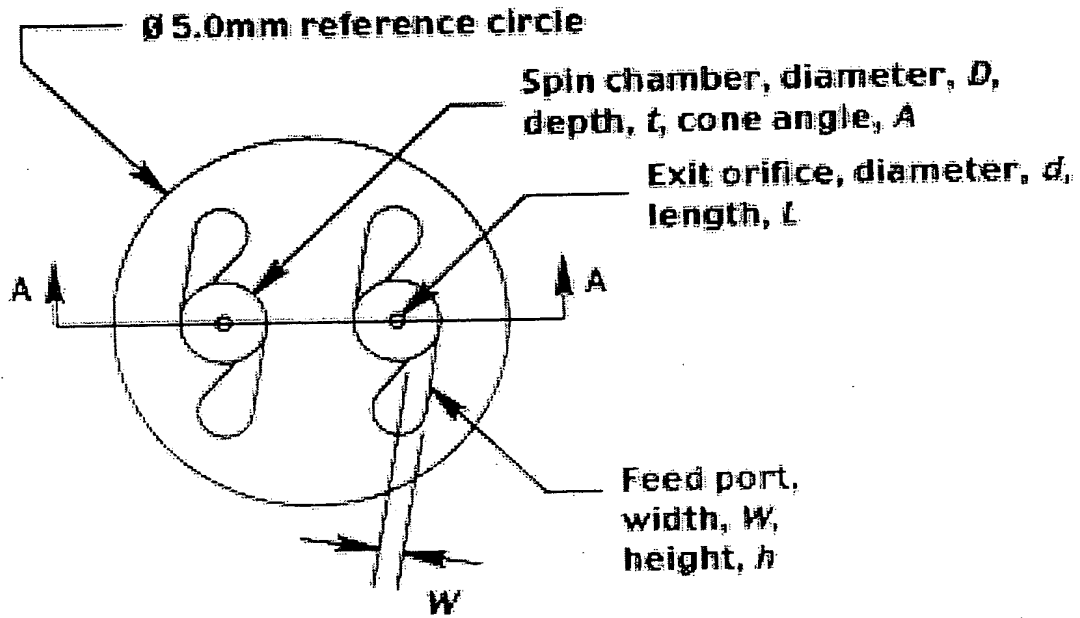


8A



Section A-A

Fig. 9



Plan View
 Fig. 10A

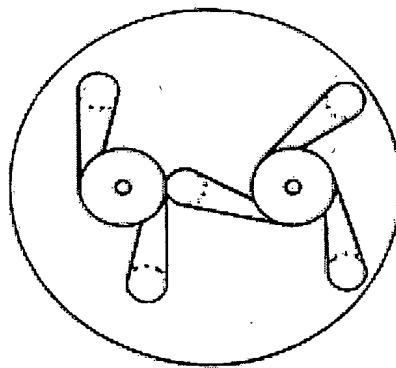


FIG. 10B

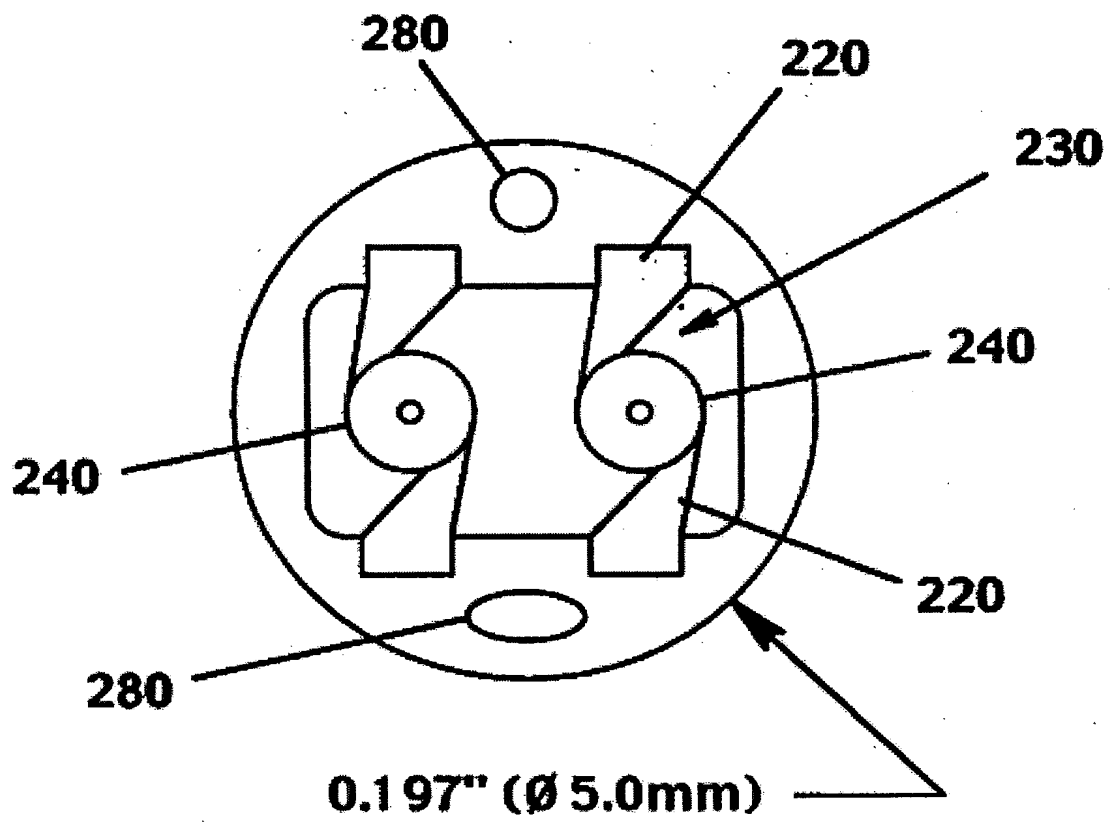


Fig. 11

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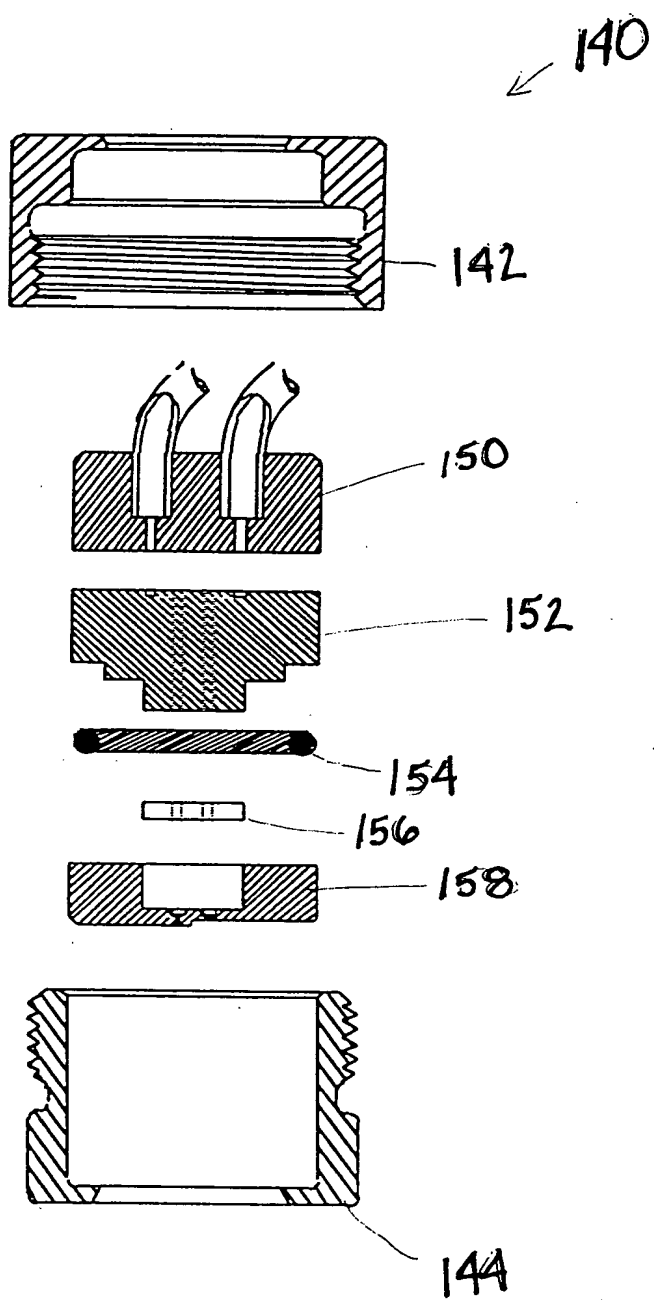
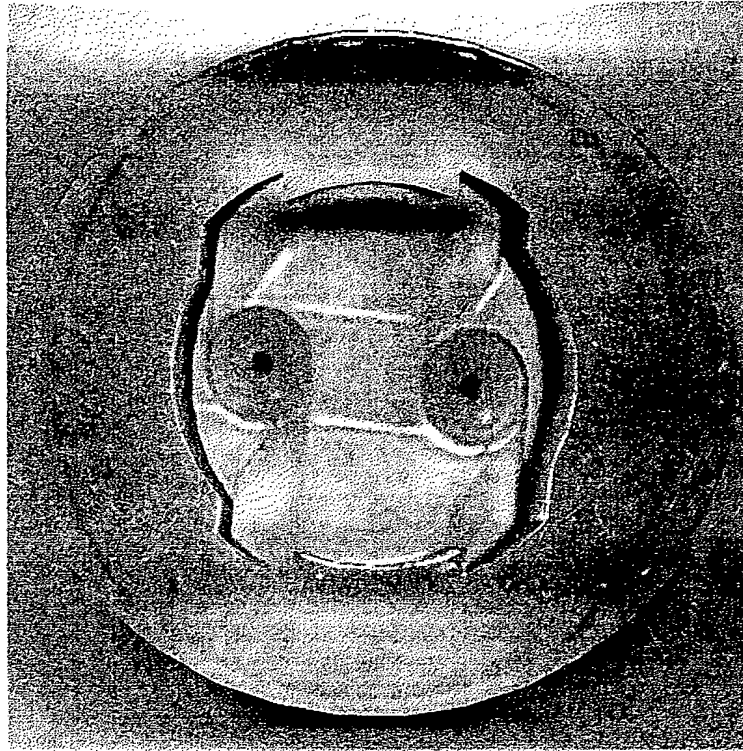


FIG. 13

[illegible]

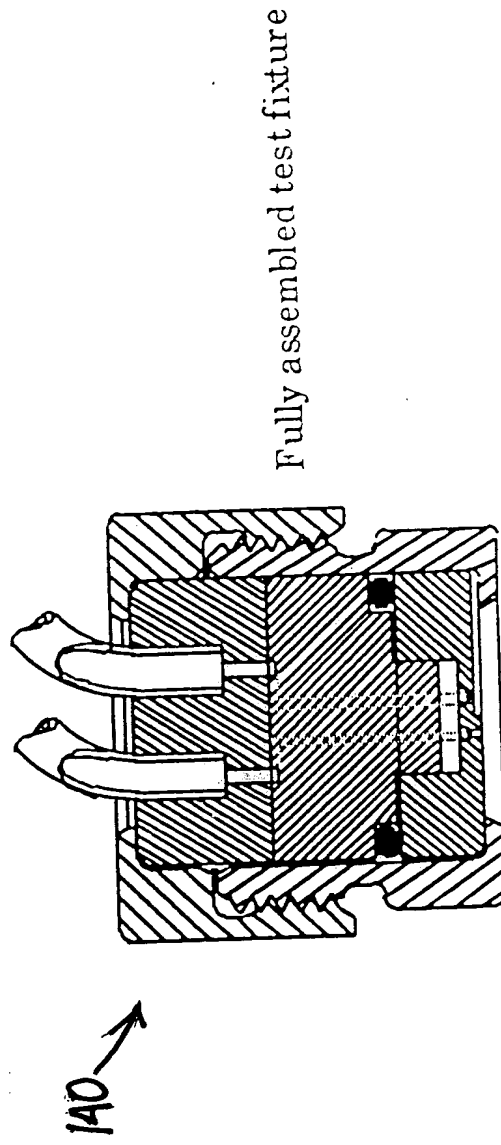


Figure 14 Fixture Assembly

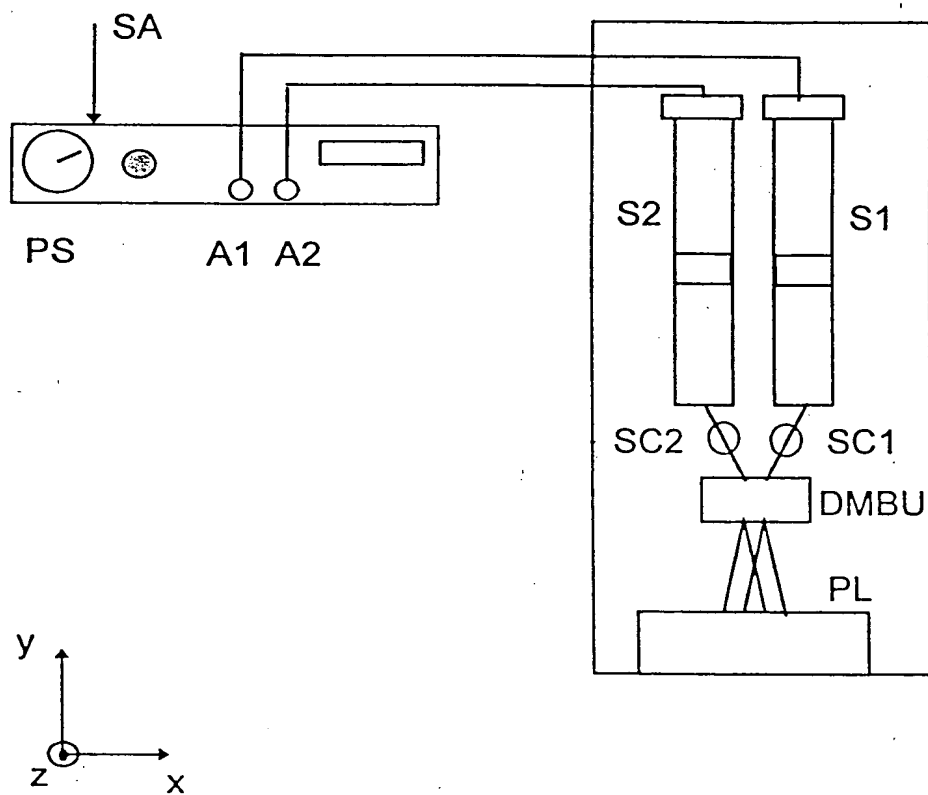


Figure 15 Experimental Set-Up; Spray Generation

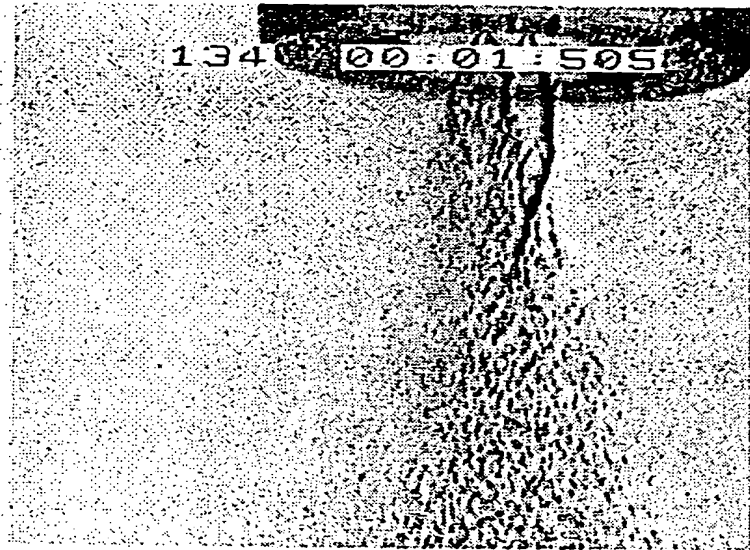


FIG. 17

80 psi

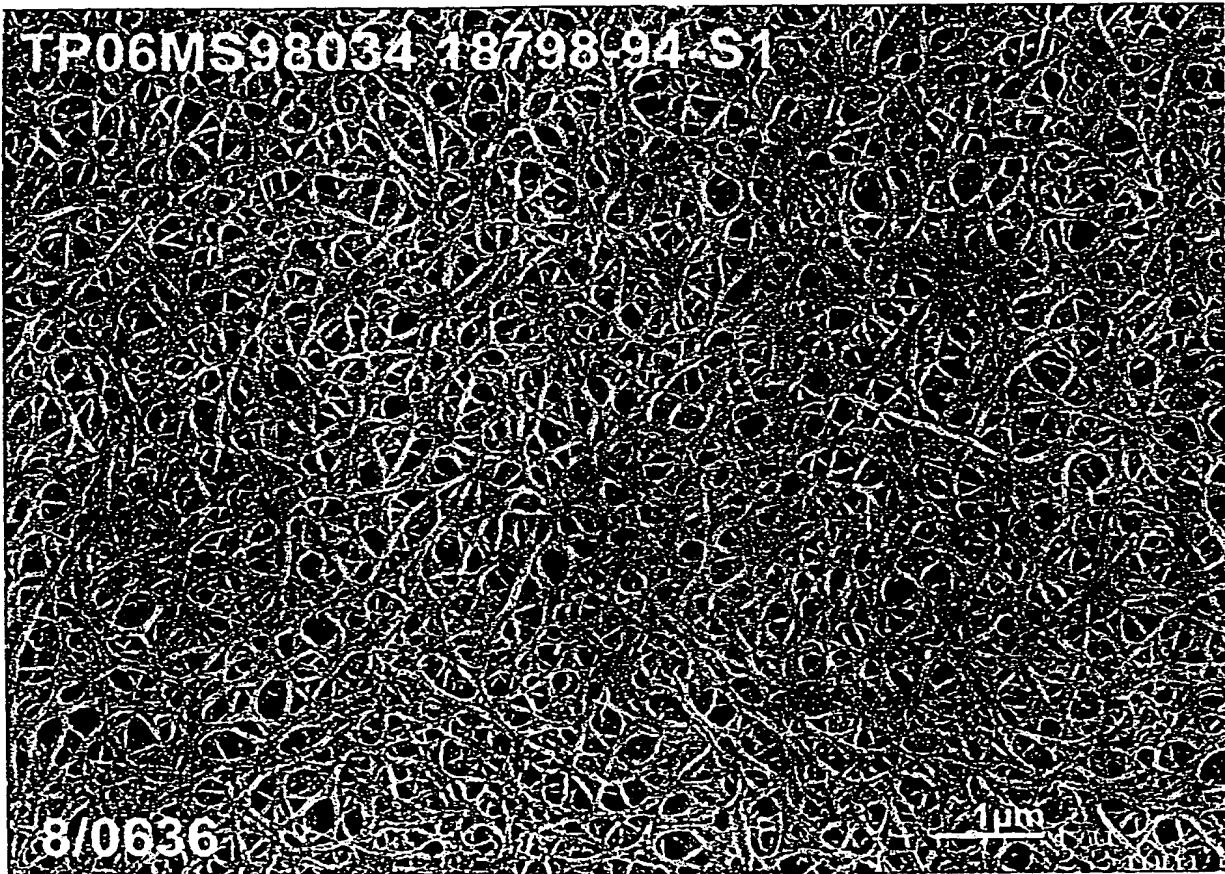


FIG. 18

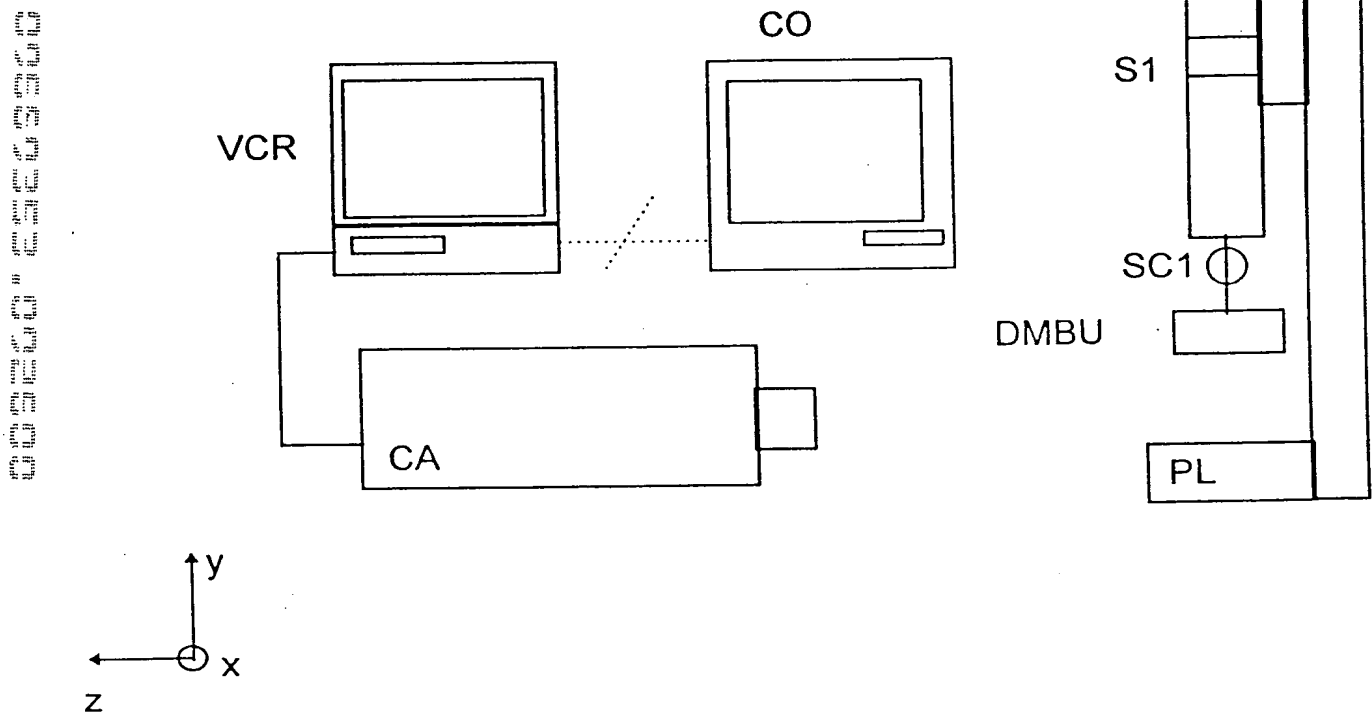


Figure 16 Experimental Set-up; Video Recording